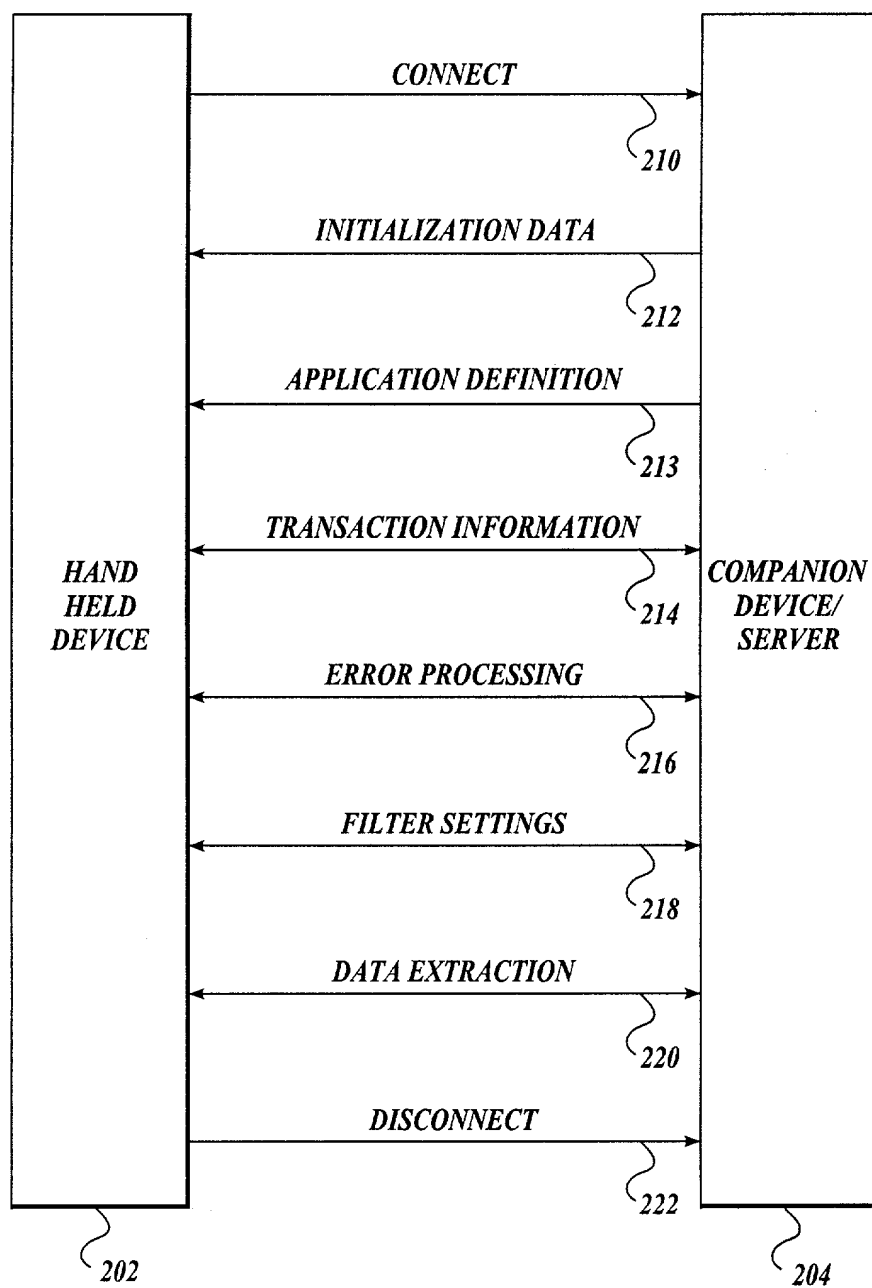
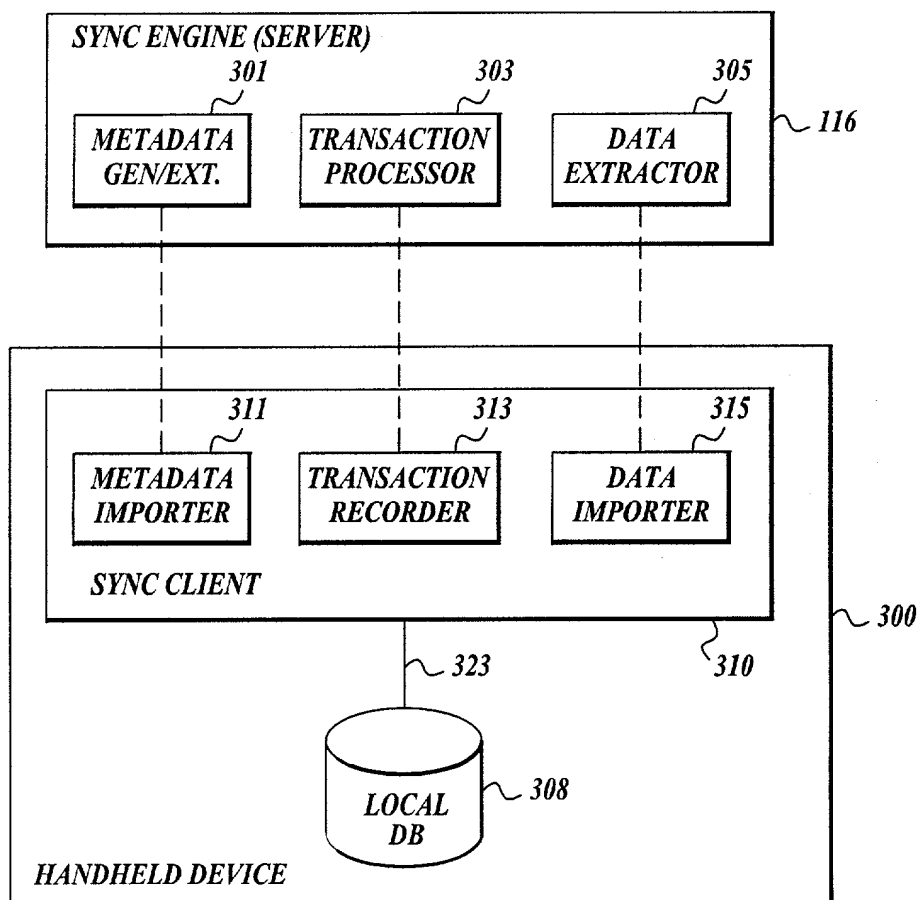


Fig. 1

*Fig. 2*

*Fig. 3*

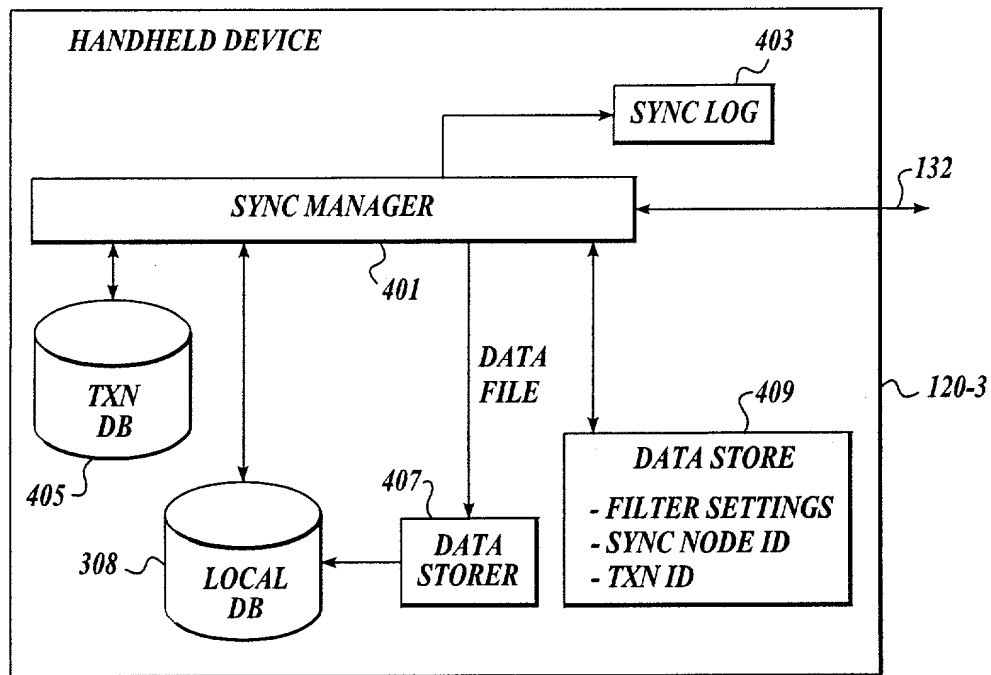


Fig. 4

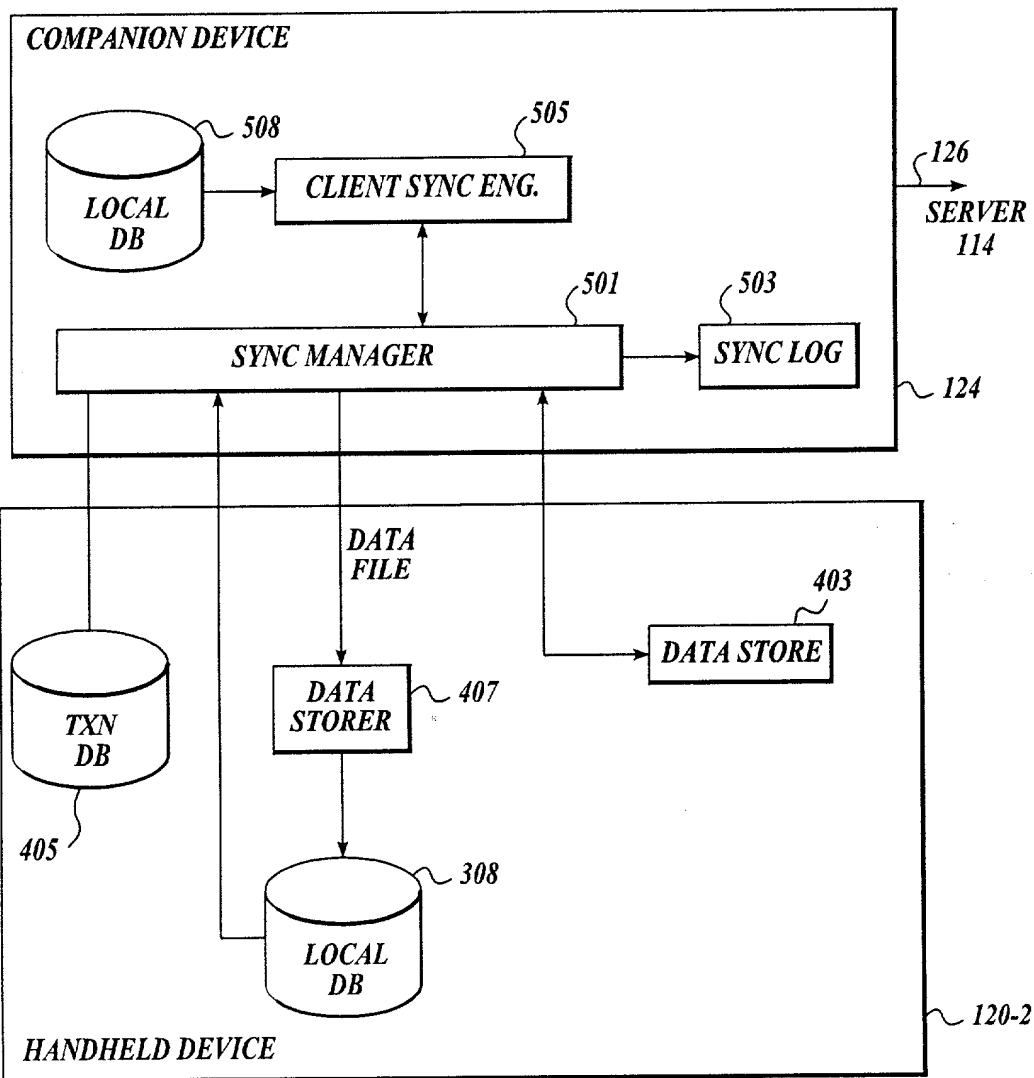


Fig. 5

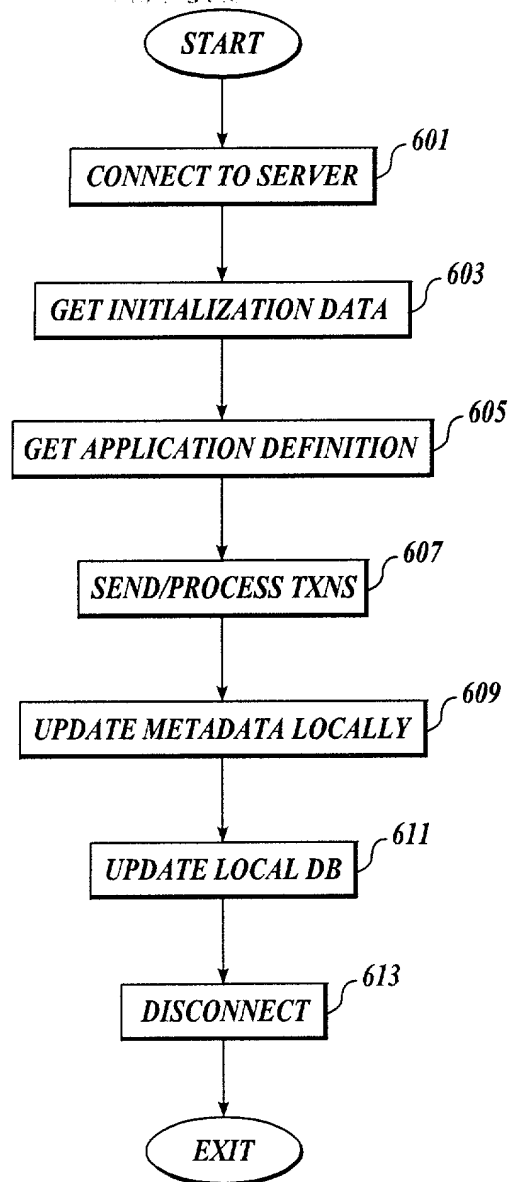


Fig. 6

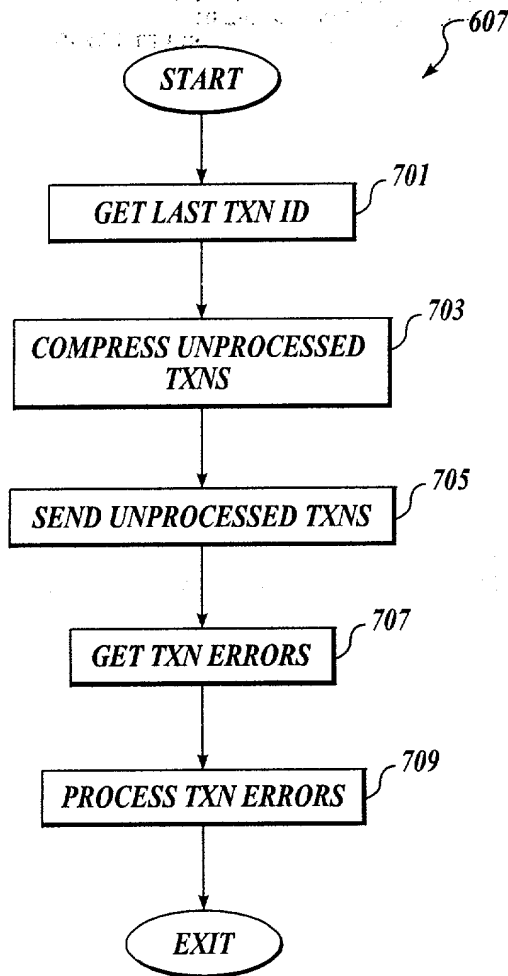


Fig. 7

8/19
 START
 705
 801
 IS
 TXN ID
 IN TXN DB
 ?
 YES
 803
 DELETE ALL RECORDS
 CREATED BEFORE THE
 RECORD CORR. TO TXN ID
 NO
 805
 GET # OF REMAINING RECORDS
 IN TXN DB (TXNCOUNT)
 807
 IS # OF
 PROCESSED TXNS LESS THAN
 TXNCOUNT
 ?
 YES
 809
 DELETE ALL
 RECORDS IN
 TXN DB
 EXIT
 (TO BLOCK 707)
 NO
 811
 GET NEXT RECORD
 FROM TXN DB
 813
 CONCATENATE TO
 PACKED TXN STRING
 815
 IS
 TXN A MINI TXN
 ?
 YES
 817
 URL ENCODE PACKED
 TXN STRING
 819
 SEND PACKED TXN
 STRING TO SERVER

Fig. 8

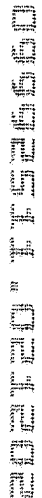


Fig. 9

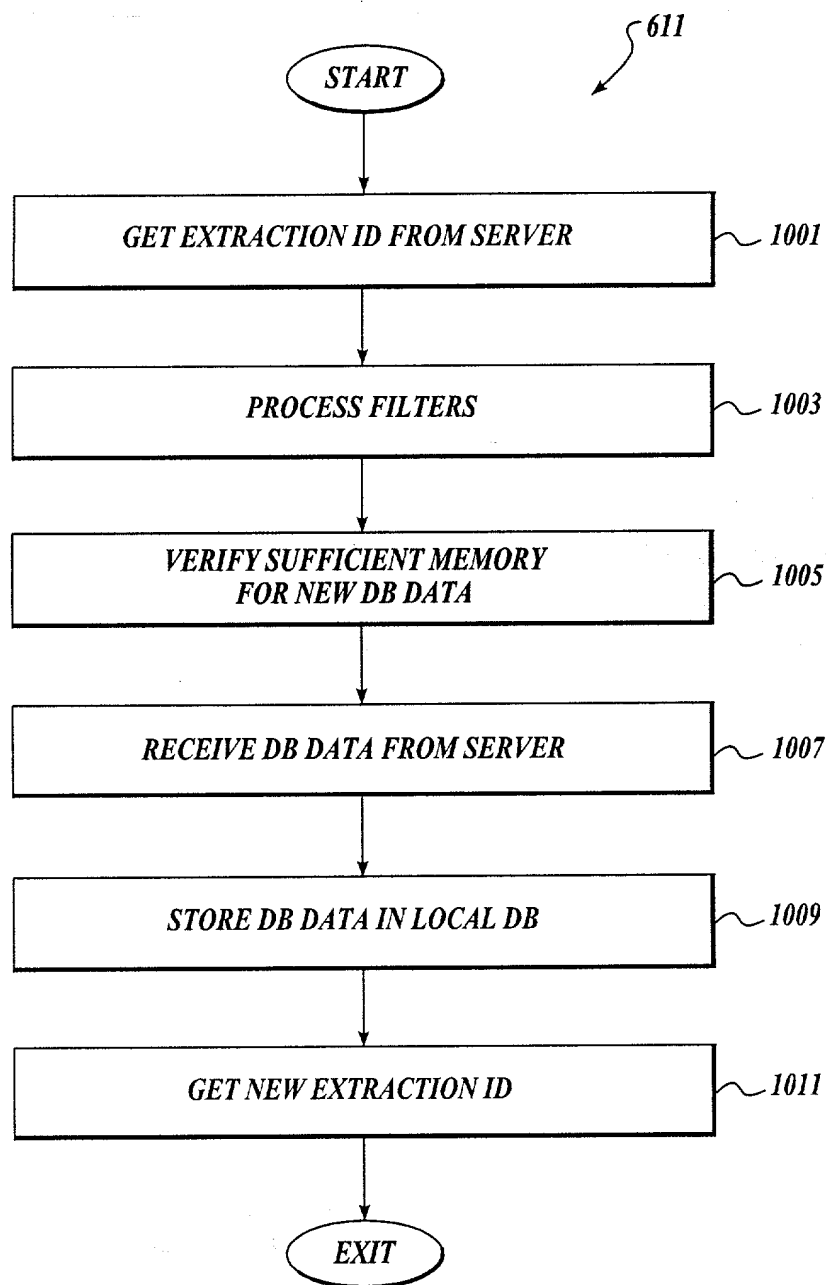


Fig. 10

2025.11.04.20

U.S. PATENT AND TRADEMARK OFFICE
ATTORNEY
DATE FILLED: 11/19/19
TITLE: METHOD AND SYSTEM FOR CLIENT-BASED OPERATIONS
IN SERVER-SIDE ORGANIZATION 11/19
INVENTOR: David Robinson
APPLICATION NO: 09/92,511
FILED: 11/19/19
10/10/19

-SCREEN_1
-BUSOBJ_1
-FILTER_1
:
-FILTER_X
-BUSOBJ_2
-FILTER_1
:
-FILTER_Y
:
-BUSOBJ_N
-FILTER_1
:
-FILTER_2
-SCREEN_2
:
-SCREEN_M

Fig. 10A

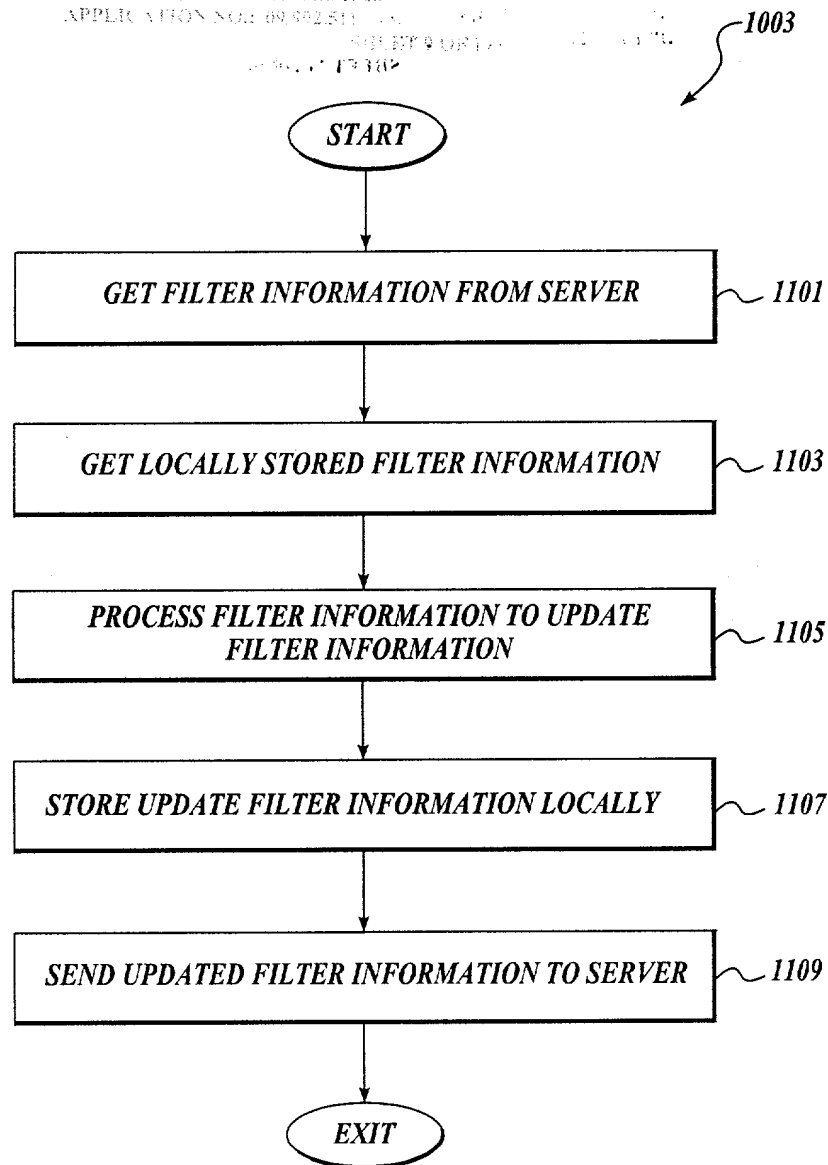


Fig. 11

FIG. 12

METHOD AND SYSTEM FOR QUERY-BASED OPERATIONS

IN A DATABASE SYSTEM WITH A COMPUTING DEVICE

IN A DATABASE SYSTEM WITH A COMPUTING DEVICE

IN A DATABASE SYSTEM WITH A COMPUTING DEVICE

FIG. 12A

FIG. 12B

FIG. 12C

SHEET 10 OF 19

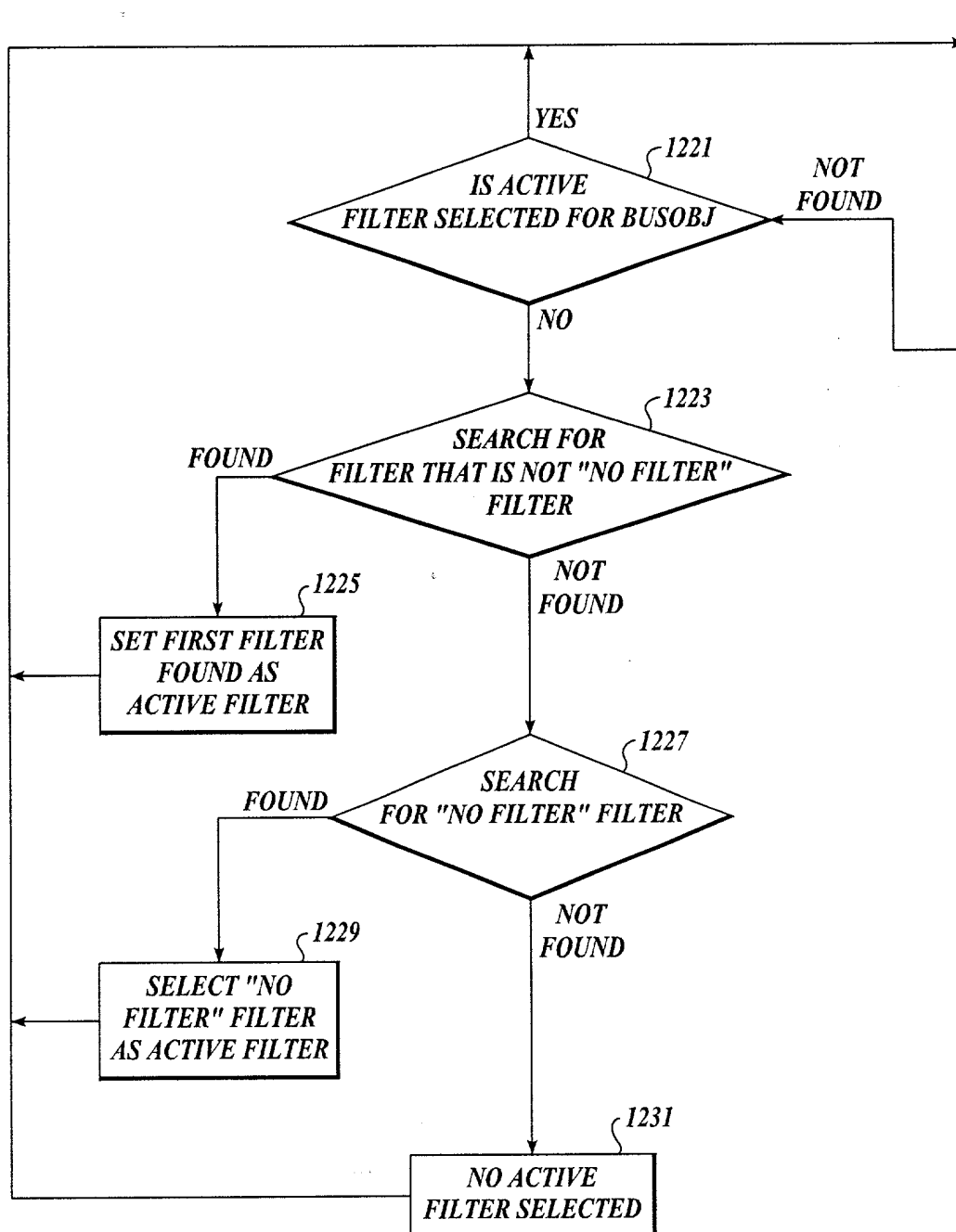


Fig. 12A

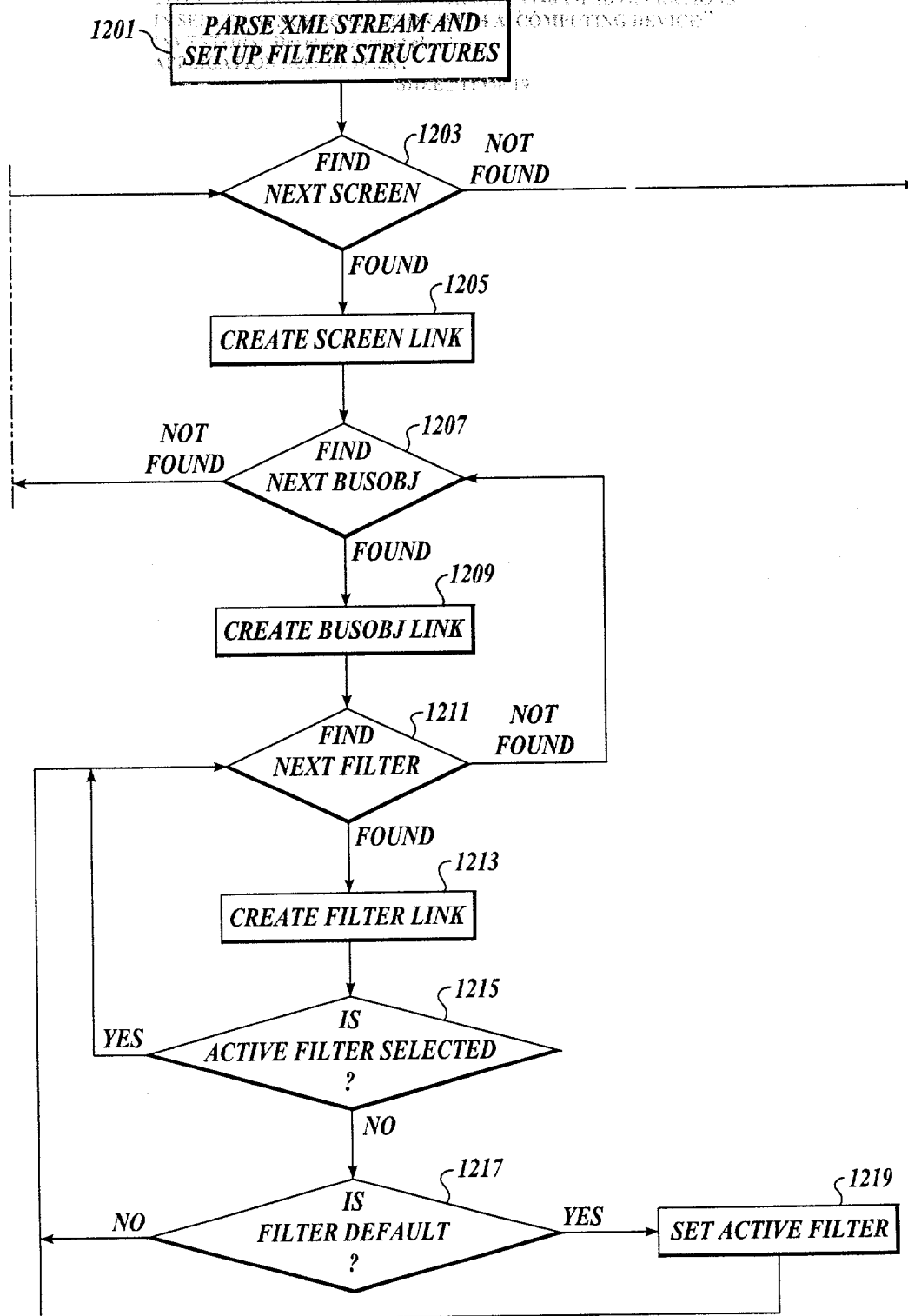


Fig. 12B

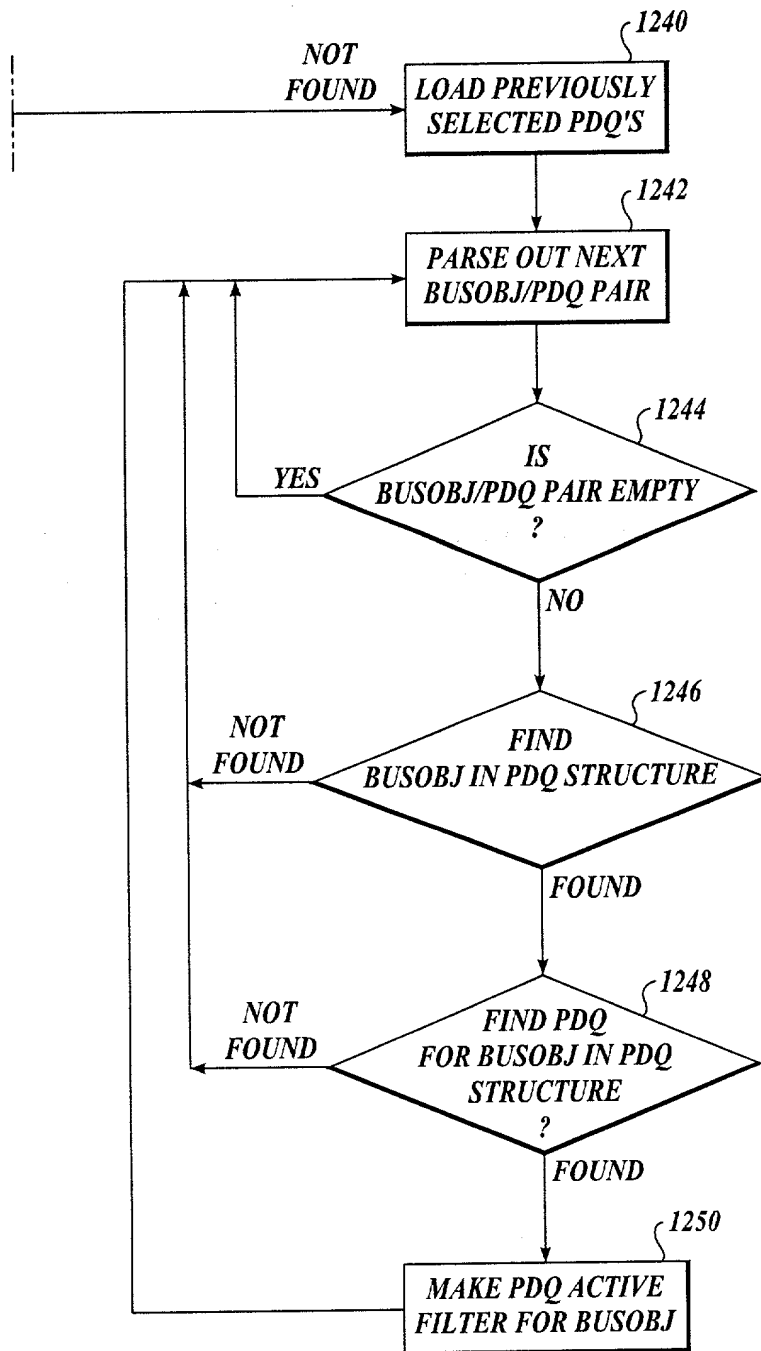


Fig. 12C

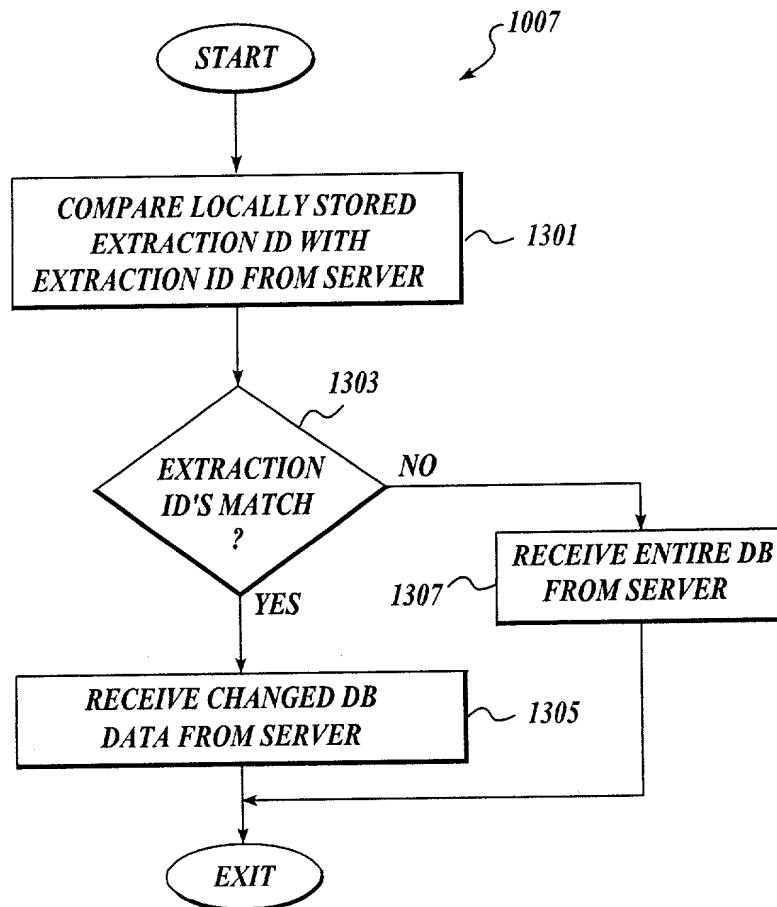


Fig. 13

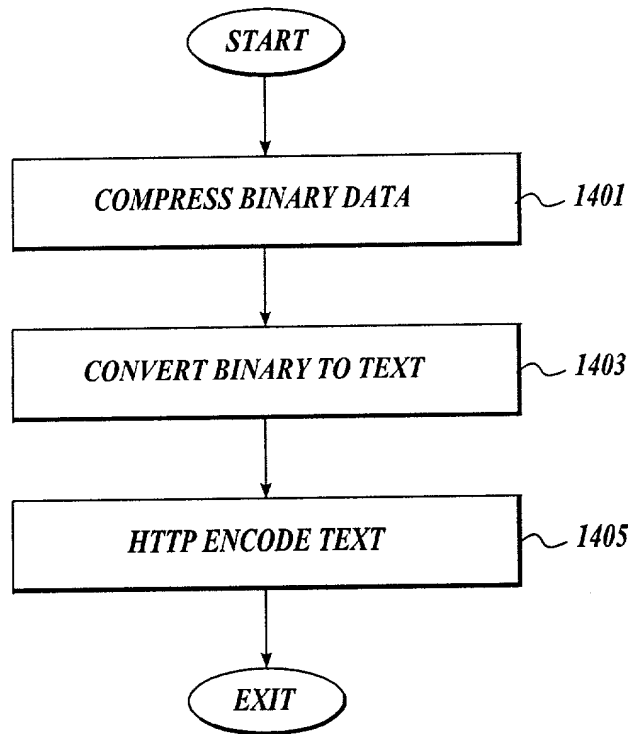


Fig. 14

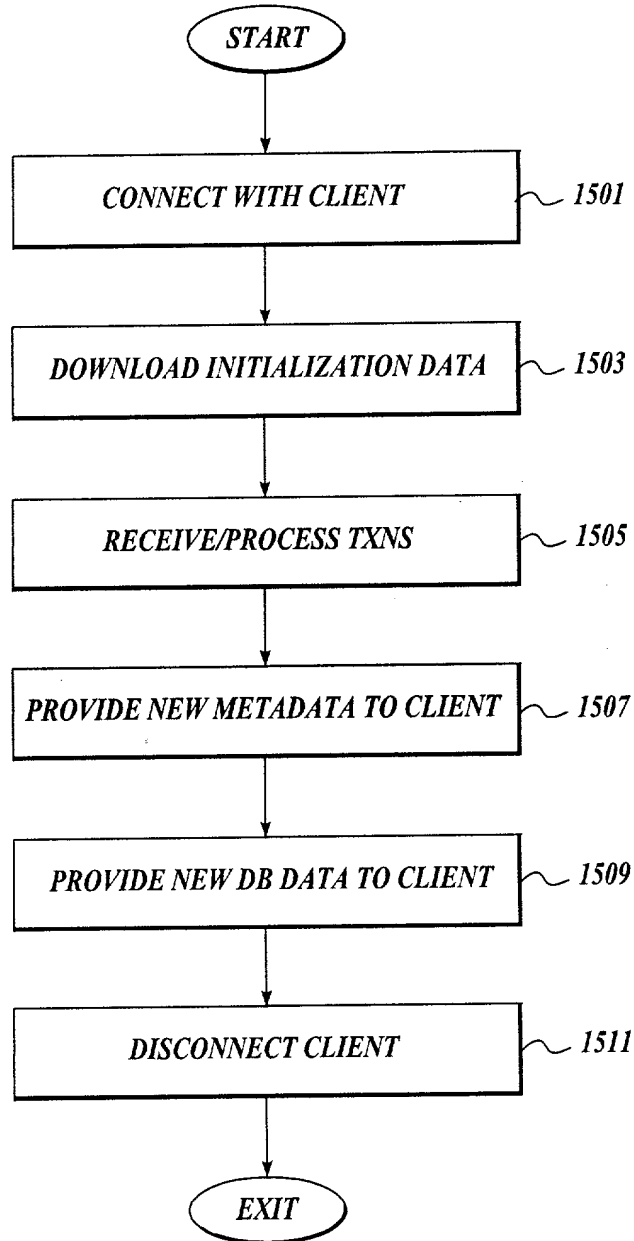


Fig. 15

